AMENDMENT TO SPECIFICATION

IN THE SPECIFICATION:

A marked-up copy of the changes to selected paragraph(s) is provided below. Please enter these changes to the specification in the record.

Please replace Paragraph [0034] of the printed publication as follows.

> At step 410, the context information of this packet is checked. A check is made at step 415 to determine whether the context of the flow to which this packet belongs ~~longs~~ is the same as the previous packet chain and whether a context switch is required. If a context switch is required, at step 420, the proper context information is loaded. Processing continues at step 425 where using the associated context block for the flow (e.g., 130a or 130b), the reorder table (e.g., 215 or 225) belonging to this flow is searched for the lowest sequence count (e.g., 215a). At step 425, the lowest sequence count from the reorder table (e.g., 215 or 225) is checked if this is the next packet which is to be sent. At step 430, this condition is determined by calculating the number of packets from that flow already sent. The number of sent packets from a flow is a difference between the lowest sequence count from the reorder table and the minimal sequence count of that flow (this is recorded in the context block). If this packet chain is not the next to be sent, it is skipped at step 435, and the queue of packet chains waiting for transmission is checked for the next entry